

Natural Gas STAR Program

Natural Gas STAR 13th Annual Implementation Workshop

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October 24, 2006



Agenda

§ 2005/2006 Overview & Program Highlights

Program Evolution & Future Initiatives

Introduction to 13th Annual Workshop

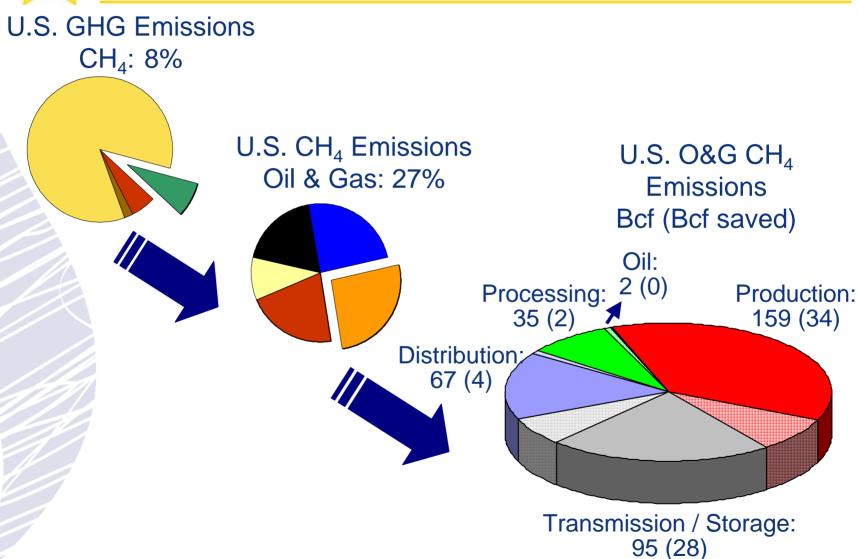


2005/2006 Overview & Program Highlights





U.S. Methane Emissions

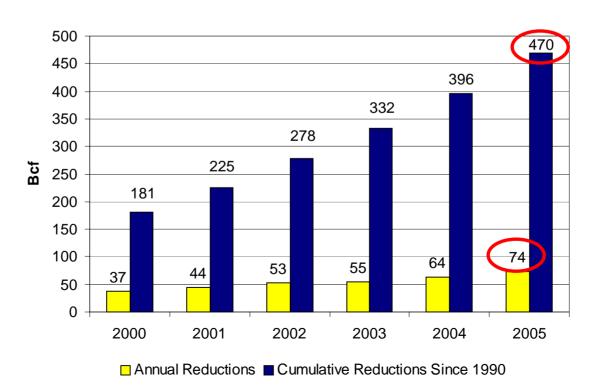




Another Record Year for Emission Reductions

- Gas STAR Partners reduced methane emissions by 74 Bcf in 2005
 - 470 Bcf in cumulative reductions since 1990

Natural Gas STAR Emissions Reductions





Natural Gas STAR Program Continues to Grow

New Partners

- ODX Gas Production
- Enbridge, Inc. Transmission
- Panhandle Eastern Pipeline (a Southern Union Gas Company) - *Transmission*
- Sea Robin Pipeline (a Southern Union Gas Company) -Transmission
- Targa Resources Processing
- Trunkline Gas (a Southern Union Gas Company) -Transmission



Natural Gas STAR Program Continues to Grow

New Endorsers

- The Air & Waste Management Association (A&WMA)
- American Institute of Chemical Engineers (AIChE) Institute for Sustainability
- Colorado Oil and Gas Association (COGA)
- Independent Petroleum Association of America (IPAA)
- Northeast Gas Association (NGA)
- Petroleum Association of Wyoming (PAW)
- Petroleum Technology Transfer Council (PTTC)
- Texas Alliance of Energy Producers



Technology Transfer

Technology Transfer Workshops

Production

- Midland, TX June 8
- Fort Worth, TX June 6
- Kenai, AK May 25
- Rock Springs, WY May 11
- Gillette, WY May 9
- Houston, TX October 26, 2005

Processing

- Hobbs, NM July 27
- Farmington, NM February 21

Compressor-focused

Webcast – January 18



Technology Transfer - 2007

Distribution

Webcast - December 6, 2006

Production

- Elk Hills, CA March 20 & 21, 2007
 - Oxy
- College Station, TX May 17, 2007
 - Anadarko
- Grand Junction, CO September 12, 2007
 - **Milliams**

Processing

- Calgary, AB, CANADA January 18, 2007
 - **6 CETAC-West**
- Mathematical Ma
 - Ouke Energy Field Services

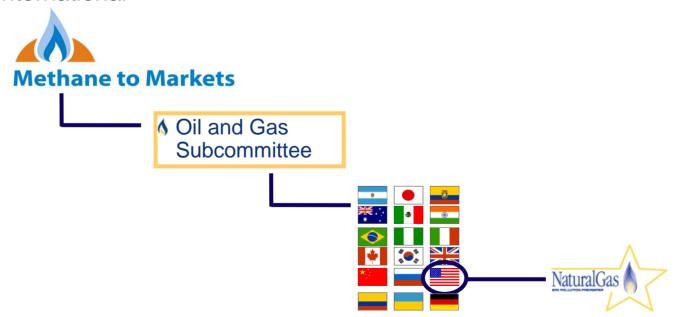
Multi-sector International Workshop

New Delhi, INDIA - February 22-23, 2007



Natural Gas STAR International

- Under the Methane to Markets Partnership, U.S. EPA is expanding Natural Gas STAR internationally
- ♠ EPA is encouraging existing partners to engage their international operations to voluntarily reduce methane emissions
- Companies world-wide are welcome to join Gas STAR International





Natural Gas STAR International

Natural Gas STAR International launched September 26, 2006 with seven charter partners

















Natural Gas STAR International

- Expands domestic program to promote emission reduction activities and project tracking globally
- Participation involves:
 - Developing an implementation plan
 - Identifying and implementing cost-effective projects
 - Reporting your success
- Support from Gas STAR International is available:
 - Identify top cost-effective methane reduction project opportunities
 - Conduct project pre-feasibility analysis
 - On-site training and workshop development
 - \$2.5M grant opportunity



Program Evolution & Future Initiatives





Natural Gas STAR Awards

Awards categories

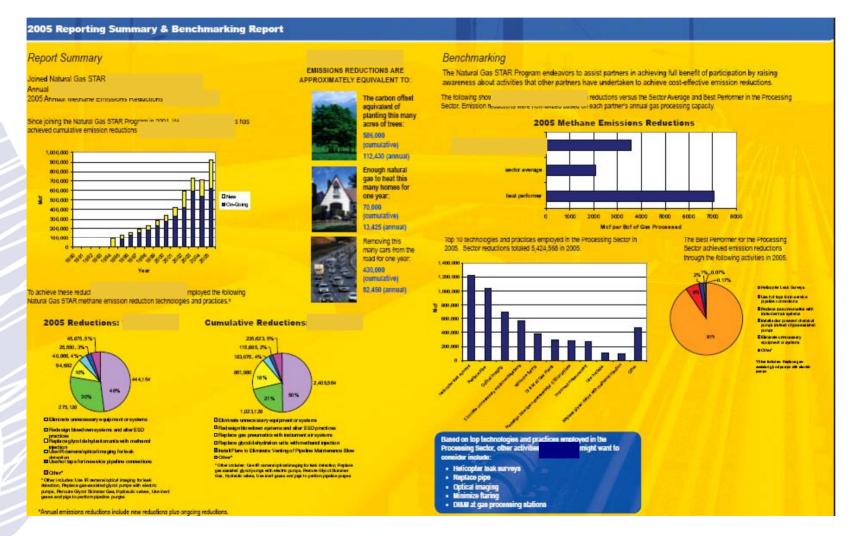
- Partner of the Year (by sector)
- Nookie of the Year
- Implementation Manager of the Year
- Continuing Excellence 5, 7, 10, 12, 15, 17, 20 Years

Award Criteria

- Normalized emission reductions
- Reduction trends
- New technologies and practices
- Support of Program activities
- Other/internal corporate activities



Post-Reporting Benchmarking





2007 and Beyond

- Focus on partner support
 - Targeted technical assistance
 - Technology guidance documents
 - Targeted benchmarking
- Tech Transfer Workshops
- Technical documents
 - New documents
 - Consolidating related technologies
- ♦ Feedback we want to hear from you



Introduction to 13th Annual Workshop





More Methane to Markets in an Era of High Gas Prices

- Fugitive Emissions
 - Leak identification and measurement
- Concurrent Sessions
 - Production, processing, transmission/distribution
- Challenges to Emissions Reduction Implementation
- Corporate Governance
- **6** Emissions Credits
- Keynote Commissioner Victor Carrillo



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